



(19)

(11) Publication number:

10232635

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 09325049

(51) Intl. Cl.: G09F 13/20 G09F 13/16 G09F 13/22

(22) Application date: 26.11.97

(30) Priority: 26.11.96 US 96 756493

(43) Date of application  
publication: 02.09.98

(84) Designated contracting  
states:

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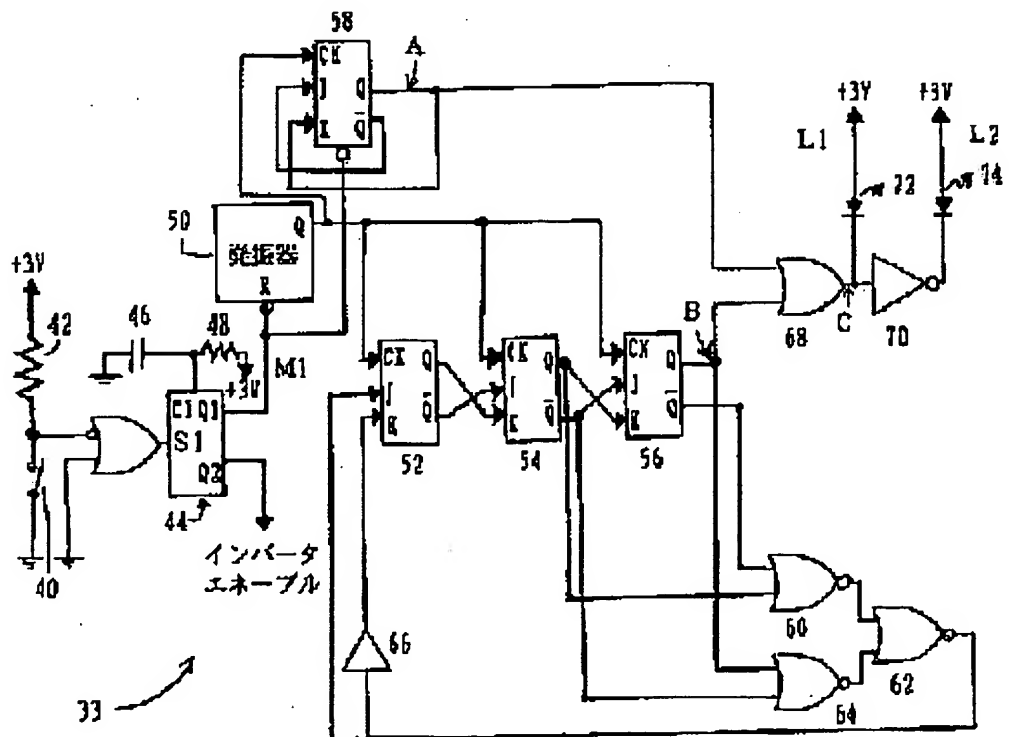
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### (54) WEAR FLASH GENERATING DEVICE ENERGIZED BY MOTION

(57) Abstract:

**PROBLEM TO BE SOLVED:** To build in a small package installable on a wear such as a shoe or a hat, etc., to operate it with a minimum current consumption, and to enhance a wearer's visibility and marketability of a commodity by generating random flash energized by a switch responding to a motion.

**SOLUTION:** This device is provided with a light emitting control circuit 33 to make light emitting diodes 72, 74 emit a series of flashes of random duration in response to closing of a switch 40 of a switching means. When a wear is moved, the switch 40 responding to a motion is closed, and by the emitting light control circuit 33 installed between the light emitting diodes 72, 74 and the switch 40, the light emitting diodes 72, 74 are made to emit a series of random pulse light of pre-determined duration in response to the closing of the switch 40. This circuit 33 comprises a signal generator 50 connected with the light emitting diodes 72, 74



light emitting diodes 72, 74  
generating random width pulses. An  
output of the signal generator 50 is  
given as an output of a flip-flop of a  
shift register 56, and an output at the  
signal point B is a pulse of random  
width.

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